

RAW SEQUENCE LISTING

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Application Serial Number: 10/805,054

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RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/805,054

DATE: 12/03/2004

TIME: 08:11:47

Input Set : N:\Crf3\RULE60\10805054.raw.txt

Output Set: N:\CRF4\12032004\J805054.raw

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1 <110> APPLICANT: Punnonen, Juha
2   Stemmer, Willem P.C.
3   Howard, Russell
4   Patten, Phillip A.
5 <120> TITLE OF INVENTION: Targeting of Genetic Vaccine Vectors
6 <130> FILE REFERENCE: 02-030210US
7 <140> CURRENT APPLICATION NUMBER: US/10/805,054
8 <141> CURRENT FILING DATE: 2004-03-19
9 <150> PRIOR APPLICATION NUMBER: US/09/247,886
10 <151> PRIOR FILING DATE: 1999-02-10
11 <150> PRIOR APPLICATION NUMBER: US 60/074,294
12 <151> PRIOR FILING DATE: 1998-02-11
13 <160> NUMBER OF SEQ ID NOS: 7
14 <170> SOFTWARE: PatentIn Ver. 2.1
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 375
18 <212> TYPE: DNA
19 <213> ORGANISM: Escherichia coli
20 <220> FEATURE:
21 <223> OTHER INFORMATION: E. coli enterotoxin B
22 <400> SEQUENCE: 1
23   atgaataaag taaaatgtta tgttttatatt acggcggttac tatectctct atgtgcatac 60
24   ggagctcccc agtctattac agaactatgt tcggaatata gcaacacaca aatatatacg 120
25   ataaatgaca agatactatc atatacggaa tcgatggcag gcaaaagaga aatggttatc 180
26   attacattta agagcggcgc aacatttcag gtcgaagtcc cgggcagtca acatatagac 240
27   tccccaaaaa aagccattga aaggatgaag gacacattaa gaatcacata tctgaccgag 300
28   accaaaattg ataaattatg tgtatggaat aataaaaccc ccaattcaat tgcggcaatc 360
29   agtatggaaa actag                                     375
31 <210> SEQ ID NO: 2
32 <211> LENGTH: 375
33 <212> TYPE: DNA
34 <213> ORGANISM: Escherichia coli
35 <220> FEATURE:
36 <223> OTHER INFORMATION: E. coli enterotoxin B (porcine)
37 <400> SEQUENCE: 2
38   atgaataaag taaaatgtta tgttttatatt acggcggttac tatectctct atatgcacac 60
39   ggagctcccc agactattac agaactatgt tcggaatata gcaacacaca aatatatacg 120
40   ataaatgaca agatactatc atatacggaa tcgatggcag gcaaaagaga aatggttatc 180
41   attacattta agagcggcga aacatttcag gtcgaagtcc cgggcagtca acatatagac 240
42   tcccagaaaa aagccattga aaggatgaag gacacattaa gaatcacata tctgaccgag 300
43   accaaaattg ataaattatg tgtatggaat aataaaaccc ccaattcaat tgcggcaatc 360
44   agtatgaaaa actag                                     375
46 <210> SEQ ID NO: 3

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47 <211> LENGTH: 375
48 <212> TYPE: DNA
49 <213> ORGANISM: Vibrio cholerae
50 <220> FEATURE:
51 <223> OTHER INFORMATION: cholera toxin subunit B
52 <400> SEQUENCE: 3
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54     ggaacacctc aaaatattac tgatttgtgt gcagaatacc acaacacaca aatacatacg 120
55     ctaaatagata agatattttc gtatacagaa tctctagctg gaaaaagaga gatggctatc 180
56     attactttta agaatggtgc aacttttcaa gtagaagtac caggtagtca acatatagat 240
57     tcacaaaaaa aagcgattga aaggatgaag gataccctga ggattgcata tcttactgaa 300
58     gctaaagtcg aaaagttatg tgtatggaat aataaaacgc ctcatgcgat tgccgcaatt 360
59     agtatggcaa attaa                                     375
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62 <211> LENGTH: 4
63 <212> TYPE: PRT
64 <213> ORGANISM: Artificial Sequence
65 <220> FEATURE:
66 <223> OTHER INFORMATION: Description of Artificial Sequence:Cys-2His-2 zinc
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68 <400> SEQUENCE: 4
69     Cys Cys His His
70     1
72 <210> SEQ ID NO: 5
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74 <212> TYPE: PRT
75 <213> ORGANISM: Artificial Sequence
76 <220> FEATURE:
77 <223> OTHER INFORMATION: Description of Artificial Sequence:Zn-2(Cys)-6
78     cluster found in yeast Gal4
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80     Cys Cys Cys Cys Cys Cys
81     1             5
83 <210> SEQ ID NO: 6
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85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
87 <220> FEATURE:
88 <223> OTHER INFORMATION: Description of Artificial Sequence:Cys-3His box
89     found in retroviral nucleocapsid proteins
90 <400> SEQUENCE: 6
91     Cys Cys Cys His
92     1
94 <210> SEQ ID NO: 7
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96 <212> TYPE: PRT
97 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:
99 <223> OTHER INFORMATION: Description of Artificial Sequence:Zn-2(Cys)-8

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100 cluster found in nuclear hormone receptor-type
101 proteins
102 <400> SEQUENCE: 7
103 Cys Cys Cys Cys Cys Cys Cys Cys
104 1 5

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/805,054

DATE: 12/03/2004

TIME: 08:11:48

Input Set : N:\Crf3\RULE60\10805054.raw.txt

Output Set: N:\CRF4\12032004\J805054.raw